

Once matches have been identified, data from these match groups can be salvaged and posted to form a single best record or posted to all matching records to update them.



Basic Concepts – Match and Consolidate

- Matching identifies duplicate records within multiple sources, such as tables, files, and so on.
 - Matching can compare records in multiple directions, and then join the intersections.
 - Matching can use various fields for comparisons: name, address, phone number, account numbers, operational data and user defined fields like product ID, description, and so on.
- Consolidation either eliminates, filters or combines duplicate records utilizing configurable rules
 - Consolidation can build a *best record* — allowing best field selection based on your priorities: source, frequency, completeness, recency, and so on.
 - Consolidation builds reference keys to track individual records and their associations across multiple databases.

Table 29: Input Records and Consolidated Record Example

Input Records	Consolidated Record
Ms Margaret Smith-Kline Ph.D. Future Electronics 101 Avenue of the Americas New York NY 10013–1933 maggie.kline@future_electronics.com May 23, 2003	Name: Ms. Margaret Smith-Kline Ph.D. Company name: Future Electronics Co. LLC SSN: 001–12–4367
Maggie Smith Future Electronics Co. LLC 101 6th Ave. Manhattan, NY 10012 maggie.kline@future_electronics.com 001–12–4367	Purchase date: 5/23/2003 Address: 101 Avenue of the Americas New York, NY 10013–1933 Latitude: 40.722970 Longitude: –74.005035 Fed code: 36061 Phone: (222) 922–9922 Email: